CLAIM AMENDMENTS:

1. (Previously Presented) A method of sharing resources on a grid network, comprising:

    configuring a host to include a grid virtual machine and a second virtual machine, wherein the grid virtual machine is isolated from the second virtual machine and the second virtual machine is configured to run applications other than the grid application;

    allocating base resources on the host to the grid virtual machine;

    allocating supplemental resources to the grid virtual machine according to predefined policies;

    enabling the grid virtual machine to execute a grid application in conjunction with other resources on the grid network; and

    dynamically balancing the load on the host while the grid application is executing.

2. (Previously Presented) The method according to Claim 1 wherein allocating the resources further comprises a virtual machine manager allocating the base resources and a resource manager allocating the supplemental resources and balancing the load on the host.

3. (Canceled)

4. (Canceled)

5. (Canceled)

6. (Canceled)

7. (Previously Presented) The method according to Claim 1 further comprising:

monitoring the grid virtual machine to determine if the grid virtual machine violates the predefined policies.

8. (Original) The method according to Claim 7 wherein the predefined policies include predefined resource thresholds for the grid virtual machine.

9. (Original) The method according to Claim 8 further comprising a resource manager taking appropriate action if the grid virtual machine violates at least one of the predefined policies.

10. (Original) The method according to Claim 9 wherein the resource manager taking action further comprises at least one of the resource manager automatically limiting resources available to the grid virtual machine, and the resource manager notifying a user that the grid virtual machine violated at least one of the predefined policies.

11. (Previously Presented) An article comprising a machine-accessible medium having stored thereon instructions that, when executed by a machine, cause the machine to:

configure a host to include a grid virtual machine and a second virtual machine, wherein the grid virtual machine is isolated from the second virtual machine and the second virtual machine is configured to run applications other than the grid application;

allocate base resources on the host to the grid virtual machine;

allocate supplemental resources to the grid virtual machine according to predefined policies;

enable the grid virtual machine to execute a grid application in conjunction with other resources on the grid network; and

dynamically balance the load on the host while the grid application is executing.

12. (Previously Presented) The article according to Claim 11 wherein the instructions, when executed by the machine, further cause the machine to startup a virtual machine manager, the virtual machine manager capable of allocating the base resources to the grid virtual machine.

13. (Original) The article according to Claim 12 wherein the instructions, when executed by the machine, further cause the machine to startup a resource manager, the resource manager capable of allocating the supplemental resources to the grid virtual machine and to perform dynamic load balancing on the host.

14. (Canceled)

15. (Canceled)

16. (Canceled)

17. (Original) The article according to Claim 11 wherein the instructions, when executed by the machine, further cause the machine to:
retrieve predefined policies for the grid virtual machine; and
monitor the grid virtual machine to determine if the grid virtual machine violates
      the predefined policies.

18. (Original) The article according to Claim 17 wherein the instructions, when executed by the machine, further cause the machine to retrieve predefined resource thresholds for the grid virtual machine.

19. ((Previously Presented) The article according to Claim 17 wherein the instructions, when executed by the machine, further cause the resource manager to take appropriate action if the grid virtual machine violates at least one of the predefined policies.

20. (Original) The article according to Claim 19 wherein the instructions, when executed by the machine, further cause the machine to at least one of automatically limit the resources available to the grid virtual machine, and notify a user that the grid virtual machine violated at least one of the predefined policies.

21. (Previously Presented) A system to share resources on a grid network, comprising:

a grid virtual machine on a virtual host device, the grid virtual machine;

a second virtual machine on the virtual host device, the second virtual machine isolated from the grid virtual machine and configured to run applications other than the grid application;

a virtual machine manager on the host, the virtual machine manager coupled to the grid virtual machine and the second virtual machine on the virtual host device, the virtual machine manager capable of allocating base resources on the virtual host device to the grid virtual machine and the second virtual machine; and

a resource manager on the virtual host device, the resource manager coupled to the virtual machine manager, the grid virtual machine and the second virtual machine, the resource manager capable of allocating supplemental resources to the grid virtual machine to enable the grid virtual machine to execute a grid application in conjunction with other resources on the grid network.

22. (Original) The system according to Claim 21 wherein the resource manager is additionally capable of retrieving predefined policies for the grid virtual machine and monitoring the grid virtual machine to determine if the grid virtual machine violates the predefined policies.

23. (Original) The system according to Claim 22 wherein the resource manager is additionally capable of taking appropriate action if the grid virtual machine violates at least one of the predefined policies.

24. (Original) The system according to Claim 23 wherein the resource manager is additionally capable of taking appropriate action by at least one of automatically limiting the resources available to the grid virtual machine, and notifying a user that the grid virtual machine violated at least one of the predefined policies.

25. (Previously Presented) A grid network, comprising:

a first host capable of running a first grid virtual machine and a second virtual machine, the second virtual machine isolated from the first grid virtual machine and configured to run applications other than a grid application, the first host additionally running a first virtual machine manager to allocate base resources to the first grid virtual machine and the second virtual machine, the first host additionally running a first resource manager to allocate supplemental resources to the first grid virtual machine; and

a second host coupled to the first host, the second host capable of running a second grid virtual machine and a third virtual machine, the second host additionally running a second virtual machine manager to allocate base resources to the third grid virtual machine and the fourth virtual machine, the second host additionally running a second resource manager to allocate supplemental resources to the third grid virtual machine, the first grid virtual machine and the second grid virtual machine capable of simultaneously executing the grid application.

26. (Canceled)

27. (Original) The grid network according to Claim 26 wherein the first resource manager and the second resource manager are additionally capable of retrieving policies for the first grid virtual machine and the second grid virtual machine respectively.

28 – 31 (Canceled)